

Converting Colors

Hex(8DBD00)

Have a look what the booklet for
Hex(8DBD00) contains.

Hex(8DBD00)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	28

Color

Hex(8DBD00)

Conversions

Conversions Part 1

Format	Color
Hex	8DBD00
RGB	141, 189, 0
RGB Percent	55%, 74%, 0%
CMY	0.4471, 0.2588, 1.0000
CMYK	0.25, 0.00, 1.00, 0.26
HSL	75°, 100%, 37%
HSV	75°, 100%, 74%
XYZ	29.1821, 42.0579, 6.5799
YIQ	153.1020, 32.0610, -68.9550

Conversions

Conversions Part 2

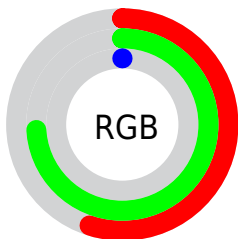
Format	Color
RYB	0, 189, 48
Decimal	9288960
CIELab	70.91, -37.31, 71.36
CIELCh	71, 80.525, 117.599
Yxy	42.0579, 0.3750, 0.5405
Android (android.graphics.Color)	4287479040 (0xFF8DBD00)
YUV	153.1020, -75.4793, -10.6135
Hunter-Lab	64.8521, -33.1698, 39.3808

Details

The Hex color **8DBD00** is a dark color, and the websafe version is hex **99CC00**. A complement of this color would be **3000BD**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **C7F550**, and **548700** is the 20% darker color. If you saturate the color by 10%, you get **8DBD00**, and if you desaturate by 10%, it is **92BD13**.

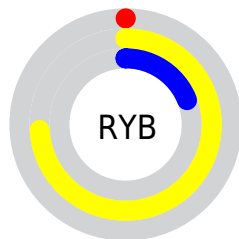
Distribution



Red (55%)

Green (74%)

Blue (0%)



Red (0%)

Yellow (74%)

Blue (19%)

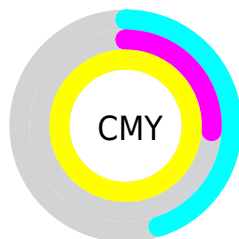


Cyan (25%)

Magenta (0%)

Yellow (100%)

Black (26%)



Cyan (45%)

Magenta (26%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8DBD00 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 8DBD00 by changing the saturation by 10% instead.

 8DBD00

 8DBD00

FFFFFF

 71A200

 C7F550

 548700

 E5FF6D

 386E00

 FFFF89

 175500

 FFFFA5

 003D00

 FFFFC2

 002800

 FFFFEO

 000600

 FFFFFD

 000000

 8DBD00

 92BD13

 97BD26

 98BD39

 A0BD4C

 A5BD5F

 AABD71

 AFB84

 B3BD97

 B8BDAA

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



D4A800



8DBD00



00C95A

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



8DBD00



00C8FF



FF5FB7

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



8DBD00



3000BD

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF79FD



8DBD00



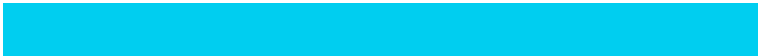
00B8FF

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



8DBD00



00CEFO



9E9DFE



FF6A6E

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



8DBD00



00CD8C



9E9DFF



FF65CF

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



8DBD00



E2F5AB



BD2F00



6F7A4E



FAFAFA



7A7A7A

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



8DBD00



B7F500



2FBD00



5C5E55



769E00



171F00

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



3000BD



3E00F5



8E00BD



57555E



28009E



08001F

Previews

White Background



This preview shows how the Hex color 8DBD00 looks on a white background.

Color Contrast Check

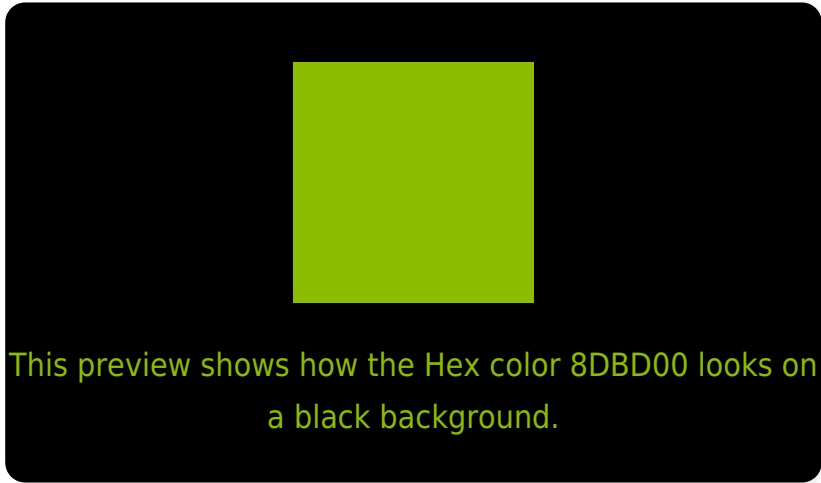
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 8DBD00 Background



This preview shows how black text looks on a background with the Hex color 8DBD00.

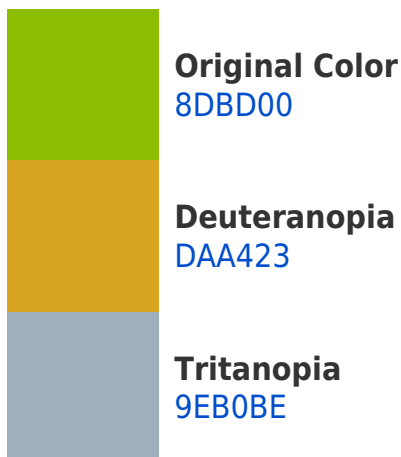


This preview shows how white text looks on a background with the Hex color 8DBD00.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

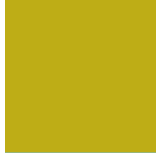
Dichromacy



Trichromacy



Original Color
8DBD00



Deuteranomaly
BEAD16

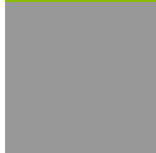


Tritanomaly
98B579

Monochromacy



Original Color
8DBD00



Achromatopsia
999999



Achromatomaly
95A661

CSS Examples

Text

The CSS property to change the color of the text to Hex 8DBD00 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #8DBD00 looks like.

```
.text, #text, p{  
    color:#8DBD00  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #8DBD00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8DBD00
}
```

Border

The CSS property to change the border of an element to Hex 8DBD00 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8DBD00 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#8DBD00 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #8DBD00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8DBD00; -webkit-box-shadow:4px 4px  
4px 4px #8DBD00; box-shadow:4px 4px 4px  
4px #8DBD00 }
```

Background

The CSS property to change the background color of an element to Hex 8DBD00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8DBD00 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#8DBD00 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor